FORM – 105
Rev. 01/09/07

VEHICLE INFORMATION / TEST SPECIFICATIONS

FMVSS No. 105

Vehicle Model Year and Make: _____

Vehicle Model and Body Style: _____

Manufacturer recommended brake adjustment performed after burnish (if any):

_____

BRAKE SYSTEM WARNING INDICATOR:

Condition(s) indicated:

( ) Pressure differential switch

( ) Fluid level sensor

Low Fluid: Reservoir Full _____ Lamp On At _____

Manufacturer recommended safe level of reservoir _____

MASTER CYLINDER PISTON DIAMETER:

Primary _____

Secondary _____

SERVICE BRAKE PEDAL RATIO: _____:1

VARIABLE PROPORTIONING SYSTEM:

( ) Mechanical ( ) Electrical

Procedure to render inoperative: _____

HYDRAULIC SPLIT:

( ) Diagonal ( ) Front/Rear

INOPERATIVE BRAKE POWER ASSIST/BRAKE POWER UNITS:

Procedure to render inoperative: _____
[S5.1.3.1 unless otherwise stated]

ANTISKID SYSTEM:

Procedure to render inoperative: _____

REGENERATIVE BRAKE SYSTEM:

Procedure to render inoperative: _____

MASTER CYLINDER RESERVOIR:

Reservoir Capacity: _____

Fluid displaced new to worn linings: _____

Subsystem 1 capacity: _____

Subsystem 2 capacity: _____

Primary system fluid output for single stroke of master cylinder: _____

Secondary system fluid output for single stroke of master cylinder: _____

FRONT BRAKES (Disc):

DISC SIZE:

Disc Outside Diameter _____ Disc Thickness _____

LINING SIZE:

Thickness _____ *Fully Worn Thickness* _____

CALIPER PISTON BORE DIAMETER: _____

REAR BRAKES

TYPE: ( ) Disc

DISC SIZE:

Disc Outside Diameter _____ Disc Thickness _____

LINING SIZE:

Thickness _____ *Fully Worn Thickness* _____

CALIPER PISTON BORE DIAMETER: _____

OR

TYPE: ( ) Drum

WHEEL CYLINDER BORE DIAMETER: _____

SIZE: Drum Inside Diameter

LINING SIZE:

Thickness _____ *Fully Worn Thickness* _____

LINING INSTALLED DIMENSIONS (Nominal Production Values):

Brake Shoe Cage Diameter _____

Diametral Clearance = $\frac{\text{Drum Inside Diameter} - \text{Brake Shoe Cage Diameter}}{2}$ = _____

School Bus (< 10,000 GVWR) Option for Parking Brake Test: ( )S5.2.1 or ( )S5.2.2

FMVSS No. 105 DATA SUMMARY - MANUFACTURER TEST RESULTS

(Use sample table below or similar to provide results)

MY: _____/ Make: _____/ Model: _____

TEST	Loading Condition	Speed (mph)	Stopping Distance Requirement (ft)	Shortest StopMaximum Pedal Force (lbs.)	Shortest StopStopping Distance (ft)
First Effectiveness	GVWR	30			
First Effectiveness	GVWR	60			
Second Effectiveness	GVWR	30			
Second Effectiveness	GVWR	60			
Second Effectiveness	GVWR	80			
Parking Brake	LLVW				
Parking Brake	GVWR				
Stability and Control	LLVW				
Third Effectiveness	LLVW	60			
Failed Hydraulic Circuit #1	LLVW	60			
Failed Hydraulic Circuit #2	LLVW	60			
Failed Hydraulic Circuit #1	GVWR	60			
Failed Hydraulic Circuit #2	GVWR	60			
ABS INOPERATIVE, Signal Transmitted Electrically, RBS, Electrically Actuated Brakes: inoperative	GVWR	60			
Inoperative Power Assist	GVWR	60			
First Fade and Recovery	GVWR	30			
Second Fade and Recovery	GVWR	30			
Fourth Effectiveness	GVWR	30			
Fourth Effectiveness	GVWR	60			
Fourth Effectiveness	GVWR	80			
Water Recovery	GVWR	0			
Spike Stops	GVWR	60			